



Halifax County and the Towns of Halifax, Scottsburg, South Boston, and Virgilina

Water Source Overview

Major water sources are the Dan River, Roanoke River, and groundwater wells.

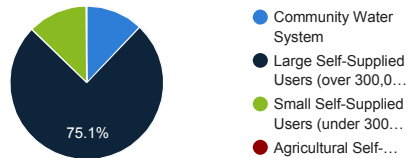
***Table 1:** Reported (2010) and projected (2040) water use by system type for Halifax County in MGD

Type	Reported Use 2010 MGD	Projected Use 2040 MGD
Community Water System	1.869	2.683
Large Self-Supplied Users (over 300,000 gal/month)	11.592	11.592
Small Self-Supplied Users (under 300,000 gal/month)	1.942	1.272
Agricultural Self-Supplied Users	0.025	0.025

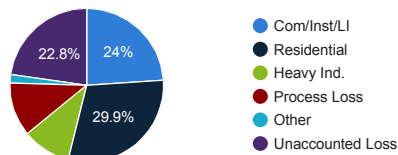
Water Use by System Type

Approximately 25,541 people use private groundwater wells for residential water supply. All tables and graphs represent reported water use including Sales to other localities, if applicable.

***Figure 1:** Percentage of reported water use by system type in 2010 (No use data shown on graph if less than .01 MGD: Refer to Table 1)



***Figure 2:** Disaggregated water use percentages for Community Water Systems in 2010 (No graph shown if no disaggregated use data reported)



***Table 2:** Reported (2010) and projected (2040) groundwater and surface water use for Halifax County in MGD

Reported 2010 Groundwater Use (MGD)	Reported 2010 Surface Water Use (MGD)	Projected 2040 Groundwater Use (MGD)	Projected 2040 Surface Water Use (MGD)
2.11	13.32	1.49	14.08

***Figure 3:** Halifax County highlighted in the Commonwealth of Virginia



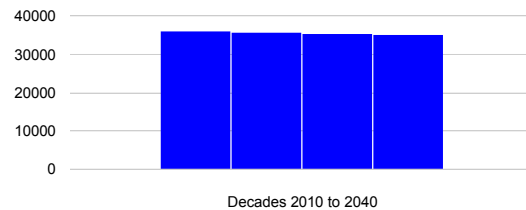
Projected Water Demand

Population is projected to decline and demand is projected to increase less than one percent through the planning period of 2040. Existing water sources are expected to meet projected water demand.

***Table 3:** Halifax County population projections by decade from 2010 to 2040 (data gathered from VEC projections - 05/20/13)

2010	2020	2030	2040	% Change (2010-2040)
36,241	35,770	35,489	35,281	-2.8%

***Figure 4:** Halifax County population projections by decade for 2010, 2020, 2030 & 2040



***Table 4 & Figure 5:** Halifax County water demand trends by decade for 2010, 2020, 2030 & 2040 in MGD

Reported Use 2010 MGD	Projected Use 2020 MGD	Projected Use 2030 MGD	Projected Use 2040 MGD	Percent Change (2010-2040)
15.43	15.48	15.52	15.57	0.9%



Drought Management Practices

The County and Towns, with the exception of the Town of Scottsburg, adopted ordinances for the implementation and enforcement of the Drought Response and Contingency Plan. Enforcement by the Town of Scottsburg is unknown and will be addressed by the five-year update of the water supply plan. (Halifax County and Towns Regional WSP)